Amendments to the Claims

This listing of claims, if entered, will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1. **(Currently Amended)** A method comprising:

determining whether a resource in a first cluster can be allocated to provide a quantity of the resource to an application; and

if the resource in the first cluster cannot be allocated to provide the quantity of the resource to the application, ~~performing at least one of~~ **determining whether the first cluster can be reconfigured to provide the quantity of the resource to the application;**

if the first cluster can be reconfigured, enabling the first cluster to provide the quantity of the resource to the application by reconfiguring the first cluster**[[,]];** and

if the first cluster cannot be reconfigured, restarting the application in a second cluster having a sufficient amount of the resource to provide the quantity of the resource to the application.

2. (Original) The method of claim 1 further comprising:

selecting the application to be allocated the quantity of the resource from a plurality of applications in accordance with a business priority for the application.

3. (Original) The method of claim 2 wherein

the reconfiguring the first cluster comprises:

adding a second quantity of the resource to the first cluster.

4. (Original) The method of claim 2 wherein

the reconfiguring the first cluster comprises:

partitioning the resource within the first cluster.

5. (Original) The method of claim 2 further comprising:

monitoring performance of a plurality of applications running in the first cluster; and

if performance of one application of the plurality of applications fails to satisfy a criterion,

requesting to allocate a second quantity of the resource for the one application to enable the performance of the one application to satisfy the criterion.

6. (Original) The method of claim 2 wherein
the first cluster is remote from the second cluster.

7. (Original) The method of claim 2 wherein
the determining whether the resource in the first cluster can be allocated to provide the quantity of the resource to the application is performed in response to failure of the application.

8. (Original) The method of claim 2 wherein
the determining whether the resource in the first cluster can be allocated to provide the quantity of the resource to the application is performed in response to starting the application.

9. (Original) The method of claim 2 wherein
the determining whether the resource in the first cluster can be allocated to provide the quantity of the resource to the application is performed in response to identifying a problem with performance of the application.

10. (Original) The method of claim 2 wherein
the determining whether the resource in the first cluster can be allocated to provide the quantity of the resource to the application is performed in response to determining that the application is not in conformance with a policy.

11. **(Currently Amended)** A system comprising:
a processor;
an interconnect coupled to the processor; and
a computer-readable storage medium coupled to the processor via the interconnect, the computer-readable storage medium further comprising computer-readable code, wherein when executed by the processor, the computer-readable code is configured for:
~~**determining means for**~~ determining whether a resource in a first cluster can be allocated to provide a quantity of the resource to an application;
determining whether the first cluster can be reconfigured to provide the quantity of

the resource to the application, if the resource in the first cluster cannot be allocated to provide the quantity of the resource to the application;

~~**enabling means for**~~ enabling the first cluster to provide the quantity of the resource to the application by reconfiguring the first cluster**, if the first cluster can be reconfigured** ; and

~~**restarting means for**~~ restarting the application in a second cluster having a sufficient amount of the resource to provide the quantity of the resource to the application**, if the first cluster cannot be reconfigured**.

12. **(Currently Amended)** The system of claim 11**, wherein the computer-readable code is further configured for** ~~**further comprising**~~:

~~**selecting means for**~~ selecting the application to be allocated the quantity of the resource from a plurality of applications in accordance with a business priority for the application.

13. **(Currently Amended)** The system of claim 12**, wherein the computer-readable code is further configured for** ~~**further comprising**~~**:**

~~**adding means for**~~ adding a second quantity of the resource to the first cluster.

14. **(Currently Amended)** The system of claim 12**, wherein the computer-readable code is further configured for** ~~**further comprising**~~:

~~**partitioning means for**~~ partitioning the resource within the first cluster.

15. **(Currently Amended)** The system of claim 12**, wherein the computer-readable code is further configured for** ~~**further comprising**~~:

~~**monitoring means for**~~ monitoring performance of a plurality of applications running in the first cluster; and

~~**requesting means for**~~ requesting to allocate a second quantity of the resource for one application of the plurality of applications if the one application fails to satisfy a criterion to enable the performance of the one application to satisfy the criterion.

16. **(Currently Amendedl)** A system comprising:

a **first** determining module configured to determine whether a resource in a first cluster can be allocated to provide a quantity of the resource to an application;

a second determining module configured to determine whether the first cluster can be reconfigured to provide the quantity of the resource to the application, if the resource in the first cluster cannot be allocated to provide the quantity of the resource to the application;

an enabling module configured to enable the first cluster to provide the quantity of the resource to the application by reconfiguring the first cluster**, if the first cluster can be reconfigured**; ~~and~~

a restarting module configured to restart the application in a second cluster having a sufficient amount of the resource to provide the quantity of the resource to the application**, if the first cluster cannot be reconfigured;**

a communications module configured to enable communication between the first and second clusters.

17. **(Currently Amended)** The system of claim 1~~1~~**6,** further comprising:

a selecting module configured to select the application to be allocated the quantity of the resource from a plurality of applications in accordance with a business priority for the application.

18. **(Currently Amended)** The system of claim 1~~2~~**7,** further comprising:

an adding module configured to add a second quantity of the resource to the first cluster.

19. **(Currently Amended)** The system of claim 1~~2~~**7,** further comprising:

a partitioning module configured to partition the resource within the first cluster.

20. **(Currently Amended)** The system of claim 1~~2~~**7** further comprising:

a monitoring module configured to monitor performance of a plurality of applications running in the first cluster; and

a requesting module configured to request to allocate a second quantity of the resource for one application to enable the performance of the one application to satisfy a criterion.

21. **(Currently Amended)** A computer-readable medium comprising:

determining instructions configured to determine whether a resource in a first cluster can be allocated to provide a quantity of the resource to an application;

determining instructions configured to determine whether the first cluster can be

reconfigured to provide the quantity of the resource to the application, if the resource in the first cluster cannot be allocated to provide the quantity of the resource to the application;

enabling instructions configured to enable the first cluster to provide the quantity of the resource to the application by reconfiguring the first cluster**, if the first cluster can be reconfigured**; and

restarting instructions configured to restart the application in a second cluster having a sufficient amount of the resource to provide the quantity of the resource to the application**, if the first cluster cannot be reconfigured**.

22. (Original) The computer-readable medium of claim 21 further comprising:

selecting instructions configured to select the application to be allocated the quantity of the resource from a plurality of applications in accordance with a business priority for the application.

23. (Original) The computer-readable medium of claim 22 further comprising:

adding instructions configured to add a second quantity of the resource to the first cluster.

24. (Original) The computer-readable medium of claim 22 further comprising:

partitioning instructions configured to partition the resource within the first cluster.

25. (Original) The computer-readable medium of claim 22 further comprising:

monitoring instructions configured to monitor performance of a plurality of applications running in the first cluster; and

requesting instructions configured to request to allocate a second quantity of the resource for one application to enable the performance of the one application to satisfy a criterion.

26. **(Cancelled)**